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Office of Research, Awards & Recognition, January 16, 2013

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AWARDS AND RECOGNITIONS

<http://research.utk.edu>

JANUARY 16, 2013

AWARDS FOR DECEMBER 19, 2012–JANUARY 10, 2013

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
Becker, Jeffrey; Podar, Mircea	Microbiota and Its Role in Health and Disease	DOE - UT-Battelle - ORNL	\$22,176
Cooper, Matthew	Understanding Neural Circuits that Control Resistance to Social Stress	NIH - National Institute of Mental Health	\$142,876
Decorse, Elizabeth	Archaeological Survey of Fields 1 and 3 at UT East Tennessee Research	TN Historical Commission	\$16,983
Dolislager, Fredrick; Gross, Louis	ETTP Zone 1 Final ROD Support FY 2013 WR66, Rev 000	DOE - URS CH2M Oak Ridge LLC (UCOR)	\$2,000
Driskell, Boyce	Test Excavations and Analysis of a Sample of Archaeological Materials	Affinity Archaeological Consultants, LLC	\$3,151
Emery, Joshua	Ground-Based Optical and Near-Infrared Photometry of Centaurs and KBOs in Support of Spitzer	NASA - Headquarters Washington DC	\$95,000
Engel, Annette	The Effects of the Macondo Oil Spill on Coastal Ecosystems	Louisiana Universities Marine Consortium	\$153,174
Feigerle, Charles	Synthesis of Novel Catalysis	DOE - UT-Battelle - ORNL	\$17,500
Labotka, Theodore	Governor's School for Science and a Governor's School for Engineering	TN Department of Education	\$368,572
Perfect, Edmund	Inclusion of Soil Freezing/Thawing and Upscaling Modules in PFLOTRAN	DOE - UT-Battelle - ORNL	\$47,676
Prosser, Rebecca	Novel Pharmacology Studies on the Suprachiasmatic Nucleus	Orphagen Pharmaceuticals, Inc.	\$10,000
Schussler, Elisabeth	RCN-UBE Incubator: Biology Teaching Assistant Project (BioTAP)	National Science Foundation	\$49,940
Shefner, Jon	Host the Society for the Study of Social Problems (SSSP-Administrative Office)	Society for the Study of Social Problems	\$150,749
Taylor, Lawrence	Tennessee Space Grant Consortium Activities at University of Tennessee	Vanderbilt University	\$84,550
Vonarnim, Albrecht	Animal Care for Systems Genetics	DOE - UT-Battelle - ORNL	\$136,122
Weitering, Hanno	Investigations of Hydrogen Storage in Metallic Thin Films	DOE - UT-Battelle - ORNL	\$31,948
COLLEGE OF BUSINESS ADMINISTRATION			
Moore, John; Schriver, William	Construction Industry Information and Construction Inspections - OSHA	US Dept. of Labor	\$66,160
COLLEGE OF COMMUNICATION & INFORMATION			
Prentiss, Suzanne	Directing the Basic Course: A Content Analysis of Basic Course Management	National Communication Association	\$5,000
Suttles, Barbara	Support for Biological and Environmental Research Information System (BERIS)	DOE - UT-Battelle - ORNL	\$58,749
COLLEGE OF EDUCATION, HEALTH AND HUMAN SCIENCES			
Benner, Susan	TN State Professional Development Project: Gearing Up for RTI	State of Tennessee	\$392,467
Brewer, Ernest	Educational Opportunity Center	US Department of Education	\$451,653
Brewer, Ernest	Veterans Upward Bound Program	US Department of Education	\$315,916
Brewer, Ernest	Upward Bound Math and Science Program	US Department of Education	\$297,034
Cihak, David; Morrow, Jennifer	Just Culture Instrumentation: Development and Standardization	TN Department of Intellectual and Developmental Disabilities	\$63,983
Raynor, Hollie; Gellar, Lauren	A Pilot Study to Examine Three Dietary Messages Within a Family-based Pediatric	Academy of Nutrition and Dietetics Foundation	\$35,000
White, Connie	SPDG: Professional Development and Technology Support for TN Special Education	TN Department of Education	\$210,000
Zhang, Songning	Biomechanical Evaluations of Three Cervical Collars	DeRoyal Industries, Inc.	\$12,729
COLLEGE OF ENGINEERING			
Abidi, M; Koschan, Andreas	Advances in Biometrics via Narrowband Multispectral Imaging	Qatar University	\$290,824
Arimilli, Rao; Ekici, Kivanc	Continued Development of HFIR LEU Multiphysics Models	DOE - UT-Battelle - ORNL	\$187,681
Bhat, Gajanan; Durairaj, Baskaran	Nanofiller Reinforced Nonwoven Sandwiched Composites for Asymmetric Explosive Threats Protection	DOD - Department of the Navy	\$105,719
Braiman, Yehuda; Liu, Bo	High-Power Compact Blue-Green Laser Source Based on Coherent Arrays	DOD - Office of Naval Research	\$50,000
Bray, Larry	GLMRIS Study - Commercial Navigation - Overland Impact Analysis	DOD - Army Corps of Engineers	\$46,733
Clarke, David	Support to Transportation Policy Analysis Research Program	DOE - UT-Battelle - ORNL	\$27,344
Clarke, David	Fuel Economy Guide	DOE - UT-Battelle - ORNL	\$79,017
Dareing, Don	Confidential	Confidential	\$15,000

AWARDS FOR DECEMBER 19, 2012–JANUARY 10, 2013 (CONT.)			
INVESTIGATOR	TITLE	SPONSOR	AWARD
Dongarra, Jack	Fault Resilience Communication	Japan Science and Technology Agency	\$75,101
Ekici, Kivanc	Fluid Flow and Fracture Modeling in Enhanced Geothermal System Environments	DOE - UT-Battelle - ORNL	\$68,422
Frymier, Paul	Creating Exceptional PhDs in Sustainable Energy and Biomolecular Engineering	US Department of Education	\$177,688
Fu, Joshua	Arctic Combined Heat and Power (ACHP) Project	DOE - UT-Battelle - ORNL	\$30,000
Hayward, Jason	Graduate Student Work in Nuclear Materials Detection and Characterization	DOE - UT-Battelle - ORNL	\$20,000
Hayward, Jason	Alternative Detector System to Replace He-3 Detectors for Neutron Sciences	DOE - UT-Battelle - ORNL	\$40,000
Hu, Bin	Exploring Electrical and Magnetic Resonances from Coherently Correlated	DOD - Air Force Office Scientific Research	\$112,500
Komistek, Richard; Sharma, Adrija	In Vivo Determination of THA Kinematics and Sound for Subjects Implanted	DePuy Products Incorporated	\$214,188
Maldonado, Guillermo	Storage and Transportation Engineering Analysis and Used Nuclear Fuel Assessment	DOE - UT-Battelle - ORNL	\$38,448
Maldonado, Guillermo	High Fidelity Neutronic and Depletion Simulations for the High Flux Isotope Reactor	DOE - UT-Battelle - ORNL	\$43,621
McFarlane, Nicole	Automated Calculation of Chip Behavior	DOE - UT-Battelle - ORNL	\$96,725
Rawn, Claudia	Membership in Center for Materials Processing (E2G)	Equity Engineering Group, Inc.	\$10,000
Sarles, Stephen	Autonomic Biomolecular Materials for Sensing, Actuation, and Energy Conversion	Virginia Polytechnic Institute & State University	\$175,000
Townsend, Lawrence	Develop Lookup Tables or Parameterizations (Curve Fits) of Particle Fluences	Wyle Laboratories Inc	\$15,325
Zhang, Yanwen	Silver Behavior on SiC Surface	DOE - UT-Battelle - ORNL	\$50,000
COLLEGE OF LAW			
Kuney, George	Y-12/UT College of Law Summer Internships	BWXT Y-12, LLC	\$7,258
Kuney, George	Y-12/UT College of Law Summer Internships	BWXT Y-12, LLC	\$12,737
CAMPUS CENTERS & INSTITUTES			
Halloy, Christian; Harrison, Robert	Develop 3-D Diffusion/Evolution Equations	DOE - UT-Battelle - ORNL	\$23,108
Halloy, Christian; Harrison, Robert	Sonewald Sharepoint Services	DOE - UT-Battelle - ORNL	\$9,412
Halloy, Christian; Harrison, Robert	Stahl Advanced Analytic Methods	DOE - UT-Battelle - ORNL	\$30,000

RECOGNITIONS

Kandace Hollenbach, research associate professor in the Archaeological Research Laboratory, has received the C.B. Moore Award for Excellence in Southeastern Archaeology by a Young Scholar from the Southeastern Archaeological Conference. Hollenbach was recently named treasurer of the organization.

A team comprising members of the Department of Industrial and Systems Engineering and the Construction Energy Research and Policy Center won the \$15,000 grand prize in the U.S. Department of Labor’s Safety in the Workplace Innovator competition. **Xueping Li**, professor of industrial and systems engineering, and graduate student **Alison Yu Huang** worked with the center to create an interactive web site to teach young workers about workplace safety.

Four professors have teamed to win a \$15,000 award in the P3 competition that will allow them to field a team of undergraduates and high school students for a project titled “PSTAT: Promoting Sustainable Transportation Among Teens.” The four are **Paul Frymier**, associate professor of chemical and bimolecular engineering; **Christopher Cherry**, assistant professor in civil and environmental engineering; **David Irick**, research assistant professor in mechanical, aerospace, and biomedical engineering; and **Leon Tolbert**, head of the Department of Electrical Engineering and Computer Science.

We want to know what makes you proud!

We are looking for your good news. Please share with us information about honors and awards, fellowships and offices, and other significant recognition that you have received recently. Please submit your items to Bill Dockery at dockeryb@utk.edu and we'll spread the word.